



Human PITX1 peptide (DAG-P1807)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family are involved in organ development and left-right asymmetry. This protein acts as a transcriptional regulator involved in basal and hormone-regulated activity of prolactin. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the paired homeobox family. Bicoid subfamily. Contains 1 homeobox DNA-binding domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PITX1 paired-like homeodomain 1 [Homo sapiens (human)]
Official Symbol	PITX1
Synonyms	PITX1; paired-like homeodomain 1; BFT; CCF; POTX; PTX1; LBNBG; pituitary homeobox 1; pituitary homeo box 1; homeobox protein PITX1; pituitary otx-related factor; hindlimb expressed homeobox protein backfoot; hindlimb-expressed homeobox protein backfoot; paired-like homeodomain transcription factor 1;
Entrez Gene ID	5307
mRNA Refseq	NM_002653.4

Protein Refseq	NP_002644.4
UniProt ID	P78337
Chromosome Location	5q31.1
Function	RNA polymerase II transcription factor binding transcription factor activity involved in positive regulation of transcription; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;